

Table ____. Lithologic SHAKER log for multiple well monitoring site SDMC (17S/2W-33D)

Depth (ft)	Description
10	Sand (S); coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3); <i>charred wood fragments</i>
20	Sand (S); coarse sand; very well sorted; subrounded; olive gray (5Y 5/3); <i>high mica content</i>
30	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; light yellowish brown (2.5Y 6/4); <i>trace shell fragments</i>
40	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; light yellowish brown (2.5Y 6/4); <i>trace shell fragments; single charred wood fragment <20 mm</i>
50	Sand (S); medium to very coarse sand; well sorted; subrounded; light yellowish brown (2.5Y 6/4)
60	Sand (S); medium to very coarse sand; well sorted; subrounded; light yellowish brown (2.5Y 6/4)
70	Gravelly sand (gS); medium to very coarse sand with granules; moderately sorted; subrounded to rounded; olive brown (2.5Y 4/3); <i>trace organic matter</i>
80	Sand (S); coarse to very coarse sand; well sorted; subrounded; dark yellowish brown (10YR 4/4)
90	Slightly sandy silty clay (M); clay and silt with very fine to coarse sand; well sorted; subrounded; olive gray (5Y 4/2)
100	Silty sand (zS); very fine to coarse sand with silt; poorly sorted; subrounded; olive brown (2.5Y 4/3)
110	Clayey sandy silt (sM); silt with very fine to coarse sand and clay; moderately sorted; subrounded; dark grayish brown (2.5Y 4/2)
120	Clayey sandy silt (sM); silt with very fine sand and clay; well sorted; subrounded; dark grayish brown (2.5Y 4/2)
130	Clayey sandy silt (sM); silt with very fine sand to coarse sand and clay; poorly sorted; subrounded; dark olive gray (5Y 3/2)
140	Silty sand (zS); very fine to coarse sand to silt; poorly sorted; subrounded; olive gray (5Y 4/2); <i>trace organic material</i>
150	Silty sand (zS); coarse to very coarse sand with very fine sand to silt; poorly sorted; subrounded; dark olive gray (5Y 3/2)

Table ____. Lithologic SHAKER log for multiple well monitoring site SDMC (17S/2W-33D)—Continued

Depth (ft)	Description
160	Sand (S); coarse to very coarse sand; well sorted; subrounded; olive brown (2.5Y 4/3)
170	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded to rounded; olive brown (2.5Y 4/3)
180	Gravelly silty sand (gmS); coarse to very coarse sand with very fine sand to silt, granules to pebbles <12 mm; very poorly sorted; subrounded; olive brown (2.5Y 4/3)
190	Gravelly silty sand (gmS); very fine sand to silt with medium to coarse sand and pebbles <8 mm; very poorly sorted; subrounded; olive brown (2.5Y 4/3)
200	Silty sand (zS); coarse to medium sand with very fine sand to silt; moderately sorted; subrounded; dark yellowish brown (10YR 4/4)
210	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded to rounded; dark yellowish brown (10YR 4/4)
220	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded to rounded; dark yellowish brown (10YR 4/4)
230	Silty sand (zS); coarse to medium sand with very fine sand to silt; moderately sorted; subrounded; dark yellowish brown (10YR 4/4)
240	Sand (S); coarse to medium sand; very well sorted; subrounded; olive brown (2.5Y 4/3)
250	Sandy silt (sZ); silt and very fine sand to medium sand; well sorted; subrounded; olive brown (2.5Y 4/3)
260	Sand (S); coarse to very coarse sand; very well sorted; subrounded to rounded; olive brown (2.5Y 4/3)
270	Sand (S); coarse to very coarse sand; very well sorted; subrounded to rounded; olive brown (2.5Y 4/3)
280	Silty gravelly sand (gmS); coarse to very coarse sand with granules with very fine sand to silt and minor pebbles <8 mm; very poorly sorted; subrounded to rounded; dark yellowish brown (10YR 4/4)
290	Gravelly silty sand (gmS); coarse to very coarse sand with very fine sand to silt, granules to pebbles <8 mm; very poorly sorted; subrounded to rounded; dark yellowish brown (10YR 4/4)

Table ____. Lithologic SHAKER log for multiple well monitoring site SDMC (17S/2W-33D)—Continued

Depth (ft)	Description
300	Silty sand (zS); very fine sand to silt with medium to very coarse sand; poorly sorted; subrounded; olive brown (2.5Y 4/3)
310	Sand (S); coarse to very coarse sand; well sorted; subrounded; olive brown (2.5Y 4/3)
320	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; olive brown (2.5Y 4/3)
330	Silty gravelly sand (gmS); coarse to very coarse sand with granules to pebbles <10 mm and very fine sand to silt; very poorly sorted; subrounded; olive brown (2.5Y 4/3)
340	Slightly gravelly sandy silt ((g)sM); silt with very fine to coarse sand and pebbles <10 mm; very poorly sorted; subrounded; olive (5Y 4/3)
350	Slightly gravelly silty sand ((g)mS); very fine to coarse sand with silt and pebbles <8 mm; very poorly sorted; subrounded; olive (5Y 4/3)
360	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded to rounded; olive brown (2.5Y 4/3)
370	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded to rounded; dark yellowish brown (10YR 4/4)
380	Gravelly sand (gS); coarse to very coarse sand with granules to pebbles <8 mm; moderately sorted; subrounded to rounded; dark yellowish brown (10YR 4/4)
390	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded to rounded; dark yellowish brown (10YR 4/4)
400	Sand (S); coarse to very coarse sand; very well sorted; subrounded to rounded; dark yellowish brown (10YR 4/4)
410	Sand (S); coarse to very coarse sand; very well sorted; subrounded to rounded; dark yellowish brown (10YR 4/4)
420	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded to rounded; dark yellowish brown (10YR 4/4)
430	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded to rounded; dark yellowish brown (10YR 4/4)
440	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded to rounded; dark yellowish brown (10YR 4/4)

Table ____. Lithologic SHAKER log for multiple well monitoring site SDMC (17S/2W-33D)—Continued

Depth (ft)	Description
450	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded to rounded; brown (10YR 4/3)
460	Gravelly sand (gS); coarse to very coarse sand with granules to pebbles <6 mm; moderately sorted; subrounded to rounded; brown (10YR 4/3)
470	Sand (S); coarse to very coarse sand; very well sorted; subrounded; brown (10YR 4/3)
480	Silty sand (zS); very fine to coarse sand to silt; poorly sorted; subrounded; brown (10YR 4/3)
490	Silty sand (zS); very fine to coarse sand with silt; poorly sorted; subrounded; olive brown (2.5Y 4/3)
500	Sand (S); coarse to very coarse sand; very well sorted; subrounded; light olive brown (2.5Y 5/3)
510	Sand (S); coarse to very coarse sand; very well sorted; subrounded; light olive brown (2.5Y 5/3)
520	Sand (S); coarse to very coarse sand; very well sorted; subrounded; light olive brown (2.5Y 5/3)
530	Sand (S); coarse to very coarse sand with minor fine sand to silt; poorly sorted; subrounded; light olive brown (2.5Y 5/3)
540	Sand (S); coarse to very coarse sand; very well sorted; subrounded; light olive brown (2.5Y 5/3)
550	Sand (S); coarse to very coarse sand; very well sorted; subrounded; light olive brown (2.5Y 5/3)
560	Slightly gravelly sand ((g)S); coarse to very coarse sand with granules; well sorted; subrounded; yellowish brown (10YR 5/6)
570	Silty sand (zS); coarse to very coarse sand with very fine sand to silt; poorly sorted; subrounded; brown (10YR 4/3)
580	Silty sand (zS); coarse to very coarse sand with very fine sand to silt; poorly sorted; subrounded; brown (10YR 4/3)
590	Silty sand (zS); very fine sand to silt with coarse to very coarse sand; poorly sorted; subrounded; olive brown (2.5Y 4/3)
600	Silty sand (zS); very fine sand to silt with coarse to very coarse sand; poorly sorted; subrounded; olive brown (2.5Y 4/3)

Table ____. Lithologic SHAKER log for multiple well monitoring site SDMC (17S/2W-33D)—Continued

Depth (ft)	Description
610	Sand (S); coarse to very coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3)
620	Slightly gravelly sand ((g)S); coarse to very coarse sand with trace granules; very well sorted; subrounded; olive brown (2.5Y 4/3); <i>shell fragments</i>
630	Sand (S); coarse to very coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3)
640	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; olive brown (2.5Y 4/3)
650	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; olive brown (2.5Y 4/3)
660	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; olive brown (2.5Y 4/3)
670	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; olive brown (2.5Y 4/3)
680	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; olive brown (2.5Y 4/3)
690	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; olive brown (2.5Y 4/3)
700	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; olive brown (2.5Y 4/3)
710	Sand (S); coarse to very coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3)
720	Silty sand (zS); coarse to very coarse sand with very fine sand to silt; poorly sorted; subrounded; olive brown (2.5Y 4/3)
730	Gravelly sand (gS); coarse to very coarse sand with granules to pebbles <6 mm; well sorted; subrounded; olive brown (2.5Y 4/3)
740	Gravelly sand (gS); coarse to very coarse sand with granules to pebbles <6 mm; well sorted; subrounded to rounded; olive brown (2.5Y 4/3)
750	Sand (S); coarse to very coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3)

Table ____. Lithologic SHAKER log for multiple well monitoring site SDMC (17S/2W-33D)—Continued

Depth (ft)	Description
760	Gravelly sand (gS); coarse to very coarse sand with granules to pebbles <10 mm; well sorted; subrounded; olive brown (2.5Y 4/3)
770	Gravelly silty sand (gmS); coarse to very coarse sand with very fine sand to silt, and granules to pebbles <8 mm; poorly sorted; subrounded; dark greenish gray (10Y 4/1)
780	Sand (S); coarse to very coarse sand; very well sorted; subrounded; light olive brown (2.5Y 5/4)
790	Sand (S); coarse to very coarse sand; very well sorted; subrounded; light olive brown (2.5Y 5/4)
800	Gravelly sand (gS); coarse to very coarse sand with granules to pebbles <16 mm; very poorly sorted; subrounded; light olive brown (2.5Y 5/4)
810	Gravelly silty sand (gmS); coarse to very coarse sand with very fine sand to silt and granules to pebbles <8 mm; very poorly sorted; subrounded; grayish brown (2.5Y 5/2)
820	Sand (S); coarse to very coarse sand; very well sorted; subrounded; grayish brown (2.5Y 5/2)
830	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; grayish brown (2.5Y 5/2)
840	Gravelly sand (gS); coarse to very coarse sand with granules; well sorted; subrounded; grayish brown (2.5Y 5/2)
850	Sand (S); coarse to very coarse sand; very well sorted; subrounded; grayish brown (2.5Y 5/2); <i>trace shell fragments</i>
860	Sand (S); coarse to very coarse sand; very well sorted; subrounded; grayish brown (2.5Y 5/2); <i>minor shell fragments</i>
870	Sand (S); coarse to very coarse sand; very well sorted; subrounded; grayish brown (2.5Y 5/2); <i>minor shell fragments</i>
880	No sample collected
890	Silty sand (zS); coarse to very coarse sand with silt; moderately sorted; subrounded; light olive brown (2.5Y 5/2); <i>caliche</i>
900	Sand (S); coarse sand; very well sorted; subrounded; grayish brown (2.5Y 5/2); <i>shell fragments</i>

Table ____. Lithologic SHAKER log for multiple well monitoring site SDMC (17S/2W-33D)—Continued

Depth (ft)	Description
910 Core subsample	Silty sand (zS); very fine sand to silt; very well sorted; subrounded; dark greenish gray (10Y 4/1)
920 Core subsample	Silty sand (zS); very fine sand with silt; very well sorted; subrounded; dark greenish gray (10Y 4/1); <i>shell fragments</i>
930 Core subsample	Silty sand (zS); very fine sand with silt and medium to coarse sand; well sorted; subrounded; dark greenish gray (10Y 4/1) <i>shell fragments</i>
940 Core subsample	Silty sand (zS); very fine sand to silt; very well sorted; subrounded; dark greenish gray (10Y 4/1); <i>shell fragments</i>
950	Silty sand (zS); very fine sand to silt with medium to coarse sand; poorly sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>shell fragments and minor organic matter</i>
960	Silty sand (zS); very fine sand to silt with medium to coarse sand; poorly sorted; subrounded; very dark grayish brown (2.5Y 3/2); <i>shell fragments</i>
970	Sandy silt (sZ); silt with very fine to coarse sand; well sorted; subrounded; dark olive gray (5Y 3/2); <i>shell fragments</i>
980	Sandy silt (sZ); silt with very fine to coarse sand; well sorted; subrounded; very dark grayish brown (2.5Y 3/2)
990	Silty sand (zS); very fine sand to silt with coarse to very coarse sand; poorly sorted; subrounded; dark olive gray (5Y 3/2)
1,000	Silty sand (zS); very fine sand to silt; trace shell fragments; very well sorted; subrounded; dark olive gray (5Y 3/2)
1,010	Silty sand (zS); very fine sand to silt with coarse to very coarse; moderately sorted; subrounded; dark olive gray (5Y 3/2)
1,020	Silty sand (zS); coarse to very coarse sand with very fine sand to silt; poorly sorted; subrounded; dark olive gray (5Y 3/2); <i>minor shell fragments</i>
1,030	Silty sand (zS); coarse to very coarse sand with very fine sand to silt; poorly sorted; subrounded; dark olive gray (5Y 3/2); <i>minor shell fragments</i>
1,040	Sand (S); coarse to very coarse sand with trace very fine sand to silt; well sorted; subrounded; dark grayish brown (2.5Y 4/2)
1,050	Silty sand (zS); coarse to very coarse sand with fine sand to silt; moderately sorted; subrounded; olive gray (5Y 4/2)

Table ____. Lithologic SHAKER log for multiple well monitoring site SDMC (17S/2W-33D)—Continued

Depth (ft)	Description
1,060	Silty sand (zS); fine sand to silt; very well sorted; subrounded; olive (5Y 4/3)
1,070	Silty sand (zS); medium to coarse sand with very fine sand to silt; moderately sorted; subrounded; olive brown (2.5Y 4/3)
1,080	Sand (S); coarse to very coarse sand with trace very fine sand to silt; well sorted; subrounded; dark grayish brown (2.5Y 4/2)
1,090	Sand (S); coarse to very coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3)
1,100	Sand (S); coarse to very coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3)
1,110	Sand (S); coarse to very coarse sand; very well sorted; subrounded; dark grayish brown (2.5Y 4/2)
1,120	Sand (S); coarse to very coarse sand; very well sorted; subrounded; dark grayish brown (2.5Y 4/2)
1,130	Sand (S); coarse to very coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3)
1,140	Sand (S); coarse to very coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3)
1,150	Sand (S); coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3)
1,160	Sand (S); coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3)
1,170	Sand (S); coarse to very coarse sand; very well sorted; subrounded; dark grayish brown (2.5Y 4/2)
1,180	Sand (S); coarse sand; very well sorted; subrounded; dark grayish brown (2.5Y 4/2)
1,190	Sand (S); coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3)
1,200	Sand (S); coarse to very coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3); <i>minor shell fragments</i>
1,210	Sand (S); coarse to very coarse sand; very well sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>minor shell fragments</i>
1,220	Silty sand (zS); coarse to very coarse sand with very fine sand to silt; poorly sorted; subrounded; dark grayish brown (2.5Y 4/2)

Table ____. Lithologic SHAKER log for multiple well monitoring site SDMC (17S/2W-33D)—Continued

Depth (ft)	Description
1,230	Silty sand (zS); very coarse to coarse sand with very fine sand to silt; poorly sorted; subrounded; dark grayish brown (2.5Y 4/2)
1,240	Silty sand (zS); very fine sand to silt with coarse to very coarse sand; poorly sorted; subrounded; dark grayish brown (2.5Y 4/2)
1,250	Silty sand (zS); very fine sand and silt with coarse to very coarse sand; poorly sorted; subrounded; olive brown (2.5Y 4/3)
1,260	Silty sand (zS); very fine sand to silt with medium to coarse sand; moderately sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>shell fragments</i>
1,270	Silty sand (zS); very fine sand to silt with medium to coarse sand; moderately sorted; subrounded; dark grayish brown (2.5Y 4/2)
1,280	Silty sand (zS); very fine sand to silt with medium to coarse sand; moderately sorted; subrounded; dark grayish brown (2.5Y 4/2)
1,290	Silty sand (zS); coarse sand with very fine sand to silt; moderately sorted; subrounded; olive brown (2.5Y 4/3); <i>caliche</i>
1,300	Sand (S); coarse sand with trace very fine sand to silt; well sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>minor calcium carbonate</i>
1,310	Silty sand (zS); very fine sand to silt with medium to coarse sand; moderately sorted; subrounded; olive brown (2.5Y 4/3); <i>minor calcium carbonate</i>
1,320	Silty sand (zS); medium to coarse sand with very fine sand to silt; moderately sorted; subrounded; olive brown (2.5Y 4/3); <i>caliche</i>
1,330	Silty sand (zS); very fine sand to silt with medium to coarse sand; moderately sorted; subrounded; olive brown (2.5Y 4/3); <i>minor calcium carbonate</i>
1,340	Silty sand (zS); very fine sand to silt with trace medium to coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3); <i>minor calcium carbonate</i>
1,350	Silty sand (zS); very fine sand to silt with trace medium to coarse sand; very well sorted; subrounded; olive brown (2.5Y 4/3); <i>minor calcium carbonate</i>
1,360	Silty sand (zS); very fine sand to silt with trace medium to coarse sand; very well sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>caliche</i>

Table ____. Lithologic SHAKER log for multiple well monitoring site SDMC (17S/2W-33D)—Continued

Depth (ft)	Description
1,370	Silty sand (zS); very fine sand to silt with medium to coarse sand; moderately sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>caliche</i>
1,380	Silty sand (zS); very fine sand to silt with fine to medium sand; moderately sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>caliche</i>
1,390	Silty sand (zS); very fine sand to silt with fine to medium sand; moderately sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>minor shell fragments; caliche</i>
1,400	Silty sand (zS); very fine sand to silt with fine to medium sand; moderately sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>minor shell fragments; caliche</i>
1,410	Silty sand (zS); very fine sand to silt with fine to medium sand; moderately sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>minor calcium carbonate</i>
1,420	Silty sand (zS); very fine sand to silt with trace fine to medium sand; well sorted; subrounded; dark olive gray (5Y 3/2); <i>minor calcium carbonate</i>
1,430	Silty sand (zS); very fine sand to silt with medium to coarse sand; moderately sorted; subrounded; dark olive gray (5Y 3/2); <i>shell fragments</i>
1,440	Silty sand (zS); very fine sand to silt with medium to coarse sand; moderately sorted; subrounded; dark grayish brown (2.5Y 4/2); <i>minor calcium carbonate</i>
1,450	Silty sand (zS); very fine sand to silt with trace fine to medium sand; well sorted; subrounded; olive gray (5Y 4/2)
1,460	Silty sand (zS); very fine sand to silt with medium to coarse sand; moderately sorted; subrounded; olive (5Y 4/3)
1,474 10c shoe	Sandstone to siltstone; indurated; very fine sand to silt; very well sorted; dark olive gray (5Y 3/2)
1,479 11c shoe	Sandstone to siltstone; indurated; very fine sand to silt; very well sorted; dark olive gray (5Y 3/2)
1,484 12c shoe	Sandstone to siltstone; weakly indurated; very fine sand to silt; very well sorted; subrounded; dark greenish gray (10Y 3/1)
1,489 13c shoe	Sandstone to siltstone; weakly indurated; very fine sand; very well sorted; subrounded; dark greenish gray (10Y 3/1)

Table ____. Lithologic SHAKER log for multiple well monitoring site SDMC (17S/2W-33D)—Continued

Depth (ft)	Description
1,494 14c shoe	Sandstone; weakly indurated; very fine sand; very well sorted; subangular; dark greenish gray (10Y 4/1)
1,499 15c shoe	Sandstone to siltstone; weakly indurated; very fine sand to silt; very well sorted; dark greenish gray (10Y 3/1)